

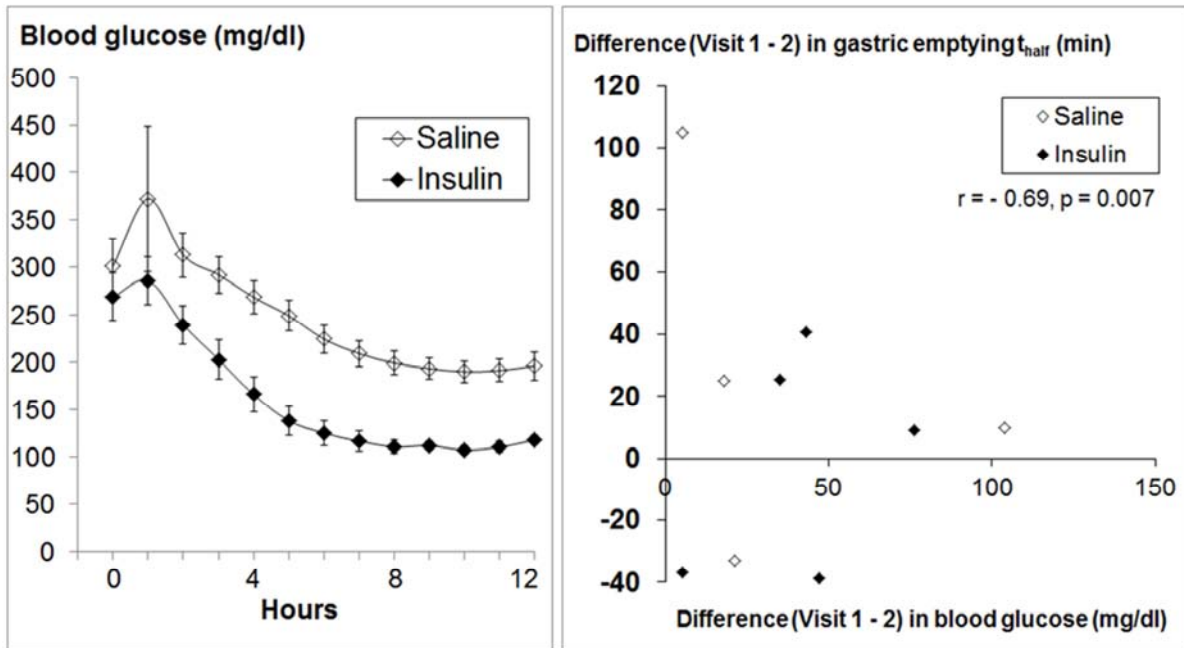
SUPPLEMENTARY FIGURE LEGENDS

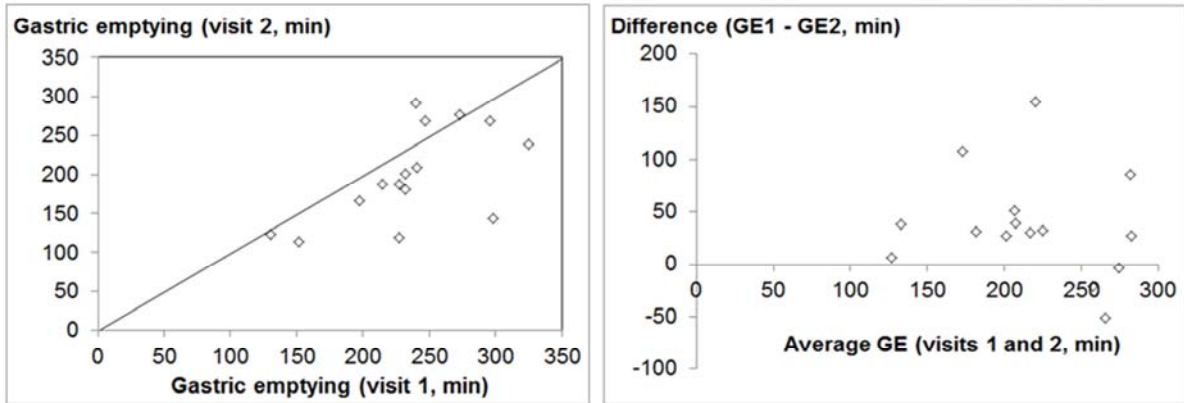
- Figure 1. Comparison of effects of insulin and saline on blood glucose concentrations.** Blood glucose concentrations declined significantly during overnight saline and insulin infusions and were lower after insulin than saline (*left panel*). Observe inverse relationship between the change in fasting blood glucose concentration and gastric emptying t_{half} between first and second visits (*right panel*).
- Figure 2. Comparison of gastric emptying results in patients who received saline infusion between first and second studies.** Gastric emptying measurements deviated considerably from the line of equality (*left panel*). Differences between first (GE1) and second (GE2) gastric emptying values was not related to the average of these 2 studies, i.e. the Bland Altman Test was negative (*right panel*).

Supplementary Table 1. Fasting and Postprandial Hormone Concentrations

Hormone	Visit 1		Visit 2	
	Fasting concentration	Postprandial increment	Fasting concentration	Postprandial increment
GLP-1 (pg/ml)	4.2 ± 0.9	5.4 ± 0.9 ^a	4.9 ± 1.0	5.3 ± 1.3 ^a
IAPP (pM)	21.1 ± 3.8	4.8 ± 0.7 ^a	15.9 ± 3.8	7.1 ± 1.0 ^a
C-peptide (pM)	1010 ± 100	110 ± 20 ^a	770 ± 90	200 ± 30 ^a
Postprandial increment reflects difference (peak postprandial – fasting concentration)				
^a p < 0.0001 versus 0				

Supplementary Figure 1





ACCEPTED MANUSCRIPT